SGIP 101 – SGIP MISSION, STRUCTURE, MEMBERSHIP, AND GROUPS

Paul Molitor

4/11/2012
NIST (from section 1305 (a) of EISA)
• INTEROPERABILITY FRAMEWORK—The Director of the National Institute of Standards and Technology (NIST) shall have primary responsibility to coordinate the development of a framework that includes protocols and model standards for information management to achieve interoperability of Smart Grid devices and systems. Such protocols and standards shall further align policy, business, and technology approaches in a manner that would enable all electric resources, including demand-side resources, to contribute to an efficient, reliable electricity network.

FERC (from section 1305(d) of EISA)
• STANDARDS FOR INTEROPERABILITY IN FEDERAL JURISDICTION—At any time after the [NIST’s] work has led to sufficient consensus in the Commission’s judgment, the Commission shall institute a rulemaking proceeding to adopt such standards and protocols as may be necessary to insure smart-grid functionality and interoperability in interstate transmission of electric power, and regional and wholesale electricity markets.

NIST established the SGIP in 2009 to help fulfill its EISA obligations
The mission of the SGIP is to provide a strong framework for coordination of all stakeholders of the Smart Grid to accelerate standards harmonization and development. The SGIP does not write standards, but instead develops and reviews use cases, identifies requirements, and proposes action plans for achieving these goals. The SGIP has three principal responsibilities:

- To provide the technical guidance necessary to facilitate standards development for the Smart Grid
- To specify the necessary testing and certification requirements to assess the achievement of interoperability using Smart Grid Standards
- To oversee the performance of these activities to maintain momentum and achievement.

NIST Release 1.0 Interoperability Framework and Roadmap published—starting point for SGIP

- Will be reissued as needed to reflect SGIP results and recommendations
The SGIP Smart Grid Conceptual Model, showing the seven “domains” of the Smart Grid

(http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/SGConceptualModel)
SGIP Plenary Structure
SGIP Leadership Organizations

- **SGIP Plenary Leadership**
  - Chair is appointed by Board
  - Vice Chair and Secretary are member-elected
  - Provides the TACTICAL and OPERATIONAL leadership for the SGIP

- **SGIP Governing Board**
  - 25 member-elected representatives
    - 22 stakeholder category reps
    - 3 “at large” reps
  - Provides STRATEGIC guidance and direction for SGIP
  - Provides governance principles for operating the SGIP
SGIP Plenary Officers

• 2011-2012 Officers
  – Chair (Steve Widergren, Pacific Northwest National Laboratory)
    • Facilitate meetings, assign and track action items, risks, and issues
  – Vice Chair (Mark Klerer, Qualcomm)
    • Fulfill duties in the absence of the Chair
  – Secretary (David Mollerstuen, Tendril)
    • Administrative support to SGIP, meeting notices, agenda, note taker
SGIP 101 – GOVERNING BOARD
SGIP Plenary Structure

National Institute of Standards and Technology

Oversight

Ex Officio Non-voting Members

Stakeholder Category Members (22)

At-Large Members (3)

Ex Officio Standing Comte. Members (2)

Governing Board

One Organization, One Vote

Architecture (SGAC)

Testing & Certification (SGTCC)

Cyber Security (CSWG)

Standing Committees & Working Groups

PAP 1

PAP 2

PAP 3

PAP ...

Priority Action Plan (PAP) Teams

Program Management Office (PMO)

Coordination Functions

Use Cases

Requirements

Priority Action Plans

White Papers

Standards Descriptions

Conceptual Model & Roadmaps

Catalog of Standards

SGIP Products (Interoperability Knowledge Base)

SGIP Administrator provides support.
SGIP: Governing Board Vision

- Maintains a broad perspective of the NIST Interoperability Framework and supports NIST
- Provides guidance and tools that make it an impartial and practical resource for SG stakeholders
- Members representing a broad community based on breadth of experience and involvement
  - Each stakeholder community represented on Governing Board
  - Additional at-large and ex-officio members
  - Supports SGIP goals and objectives as a whole, rather than any individual organization or stakeholder group
- Consensus is a core value
  - All legitimate views and proposals are considered
## Governing Board Members

<table>
<thead>
<tr>
<th>Category</th>
<th>Stakeholder Category</th>
<th>Member</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 1</td>
<td>Appliance and Consumer Electronics Providers</td>
<td>Brian Markwalter</td>
<td>Consumer Electronics Association</td>
</tr>
<tr>
<td>Category 2</td>
<td>Commercial and Industrial Equipment Manufacturers</td>
<td>Tariq Samad</td>
<td>Honeywell</td>
</tr>
<tr>
<td>Category 3</td>
<td>Consumers — Residential, Commercial, and Industrial</td>
<td>Mike Coop</td>
<td>ThinkSmartGrid</td>
</tr>
<tr>
<td>Category 4</td>
<td>Electric Transportation Industry Stakeholders</td>
<td>Rich Scholer</td>
<td>Chrysler</td>
</tr>
<tr>
<td>Category 5</td>
<td>Electric Utility Companies — IOU and Publicly Owned Utilities</td>
<td>George Bjelovuk</td>
<td>American Electric Power</td>
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<tr>
<td>Category 6</td>
<td>Electric Utility Companies — Municipal (MUNI)</td>
<td>Stephen Muchlinski</td>
<td>Tacoma Public Utilities</td>
</tr>
<tr>
<td>Category 7</td>
<td>Electric Utility Companies — Rural Electric Association</td>
<td>Bob Saint</td>
<td>NRECA</td>
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<tr>
<td>Category 8</td>
<td>Electricity and Financial Market Traders</td>
<td>Chuck Shih</td>
<td>Edge Holdings LLC</td>
</tr>
<tr>
<td>Category 9</td>
<td>Independent Power Producers</td>
<td>Bill Lawrence</td>
<td>Lockheed Martin</td>
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<tr>
<td>Category 10</td>
<td>ICT Infrastructure and Service Providers</td>
<td>Matthew Theall</td>
<td>HomeGrid Forum</td>
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<tr>
<td>Category 11</td>
<td>IT Application Developers and Integrators</td>
<td>Brent Hodges</td>
<td>Tendril</td>
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<td>Category 12</td>
<td>Power Equipment Manufacturers and Vendors</td>
<td>Robby Simpson</td>
<td>General Electric</td>
</tr>
<tr>
<td>Category 13</td>
<td>Professional Societies, Users Groups, Trade Associations</td>
<td>Wayne Longcore</td>
<td>SAP America, Inc.</td>
</tr>
<tr>
<td>Category 14</td>
<td>R&amp;D Organizations and Academia</td>
<td>Mladen Kezunovic</td>
<td>Texas A&amp;M University</td>
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<tr>
<td>Category 15</td>
<td>Relevant Federal Government Agencies</td>
<td>Lisa Kaiser</td>
<td>DHS Control Systems Security Program</td>
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<tr>
<td>Category 16</td>
<td>Renewable Power Producers</td>
<td>John Nunnelley</td>
<td>SunSpec Alliance</td>
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<tr>
<td>Category 17</td>
<td>Retail Service Providers</td>
<td>Mark Smith</td>
<td>Reliant Energy</td>
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<tr>
<td>Category 18</td>
<td>Standards and Specification Development Organizations</td>
<td>John Caskey</td>
<td>NEMA</td>
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<tr>
<td>Category 19</td>
<td>State and Local Regulators</td>
<td>Paul Centolella</td>
<td>Public Utility Commission of Ohio</td>
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<tr>
<td>Category 20</td>
<td>Testing and Certification Vendors</td>
<td>Rik Drummond</td>
<td>Drummond Group Inc.</td>
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<tr>
<td>Category 21</td>
<td>Transmission Operators and ISOS</td>
<td>David Forfia</td>
<td>ERCOT</td>
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<td>Category 22</td>
<td>Venture Capital</td>
<td>Scott Ungerer</td>
<td>EnerTech Capital</td>
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<tr>
<td>Category 23</td>
<td>At Large Members</td>
<td>John McDonald</td>
<td>GE Energy</td>
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<td></td>
<td></td>
<td>Doug Kim</td>
<td>Southern California Edison</td>
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<td>Don VonDollen</td>
<td>Electric Power Research Institute</td>
</tr>
<tr>
<td>Ex-Officio</td>
<td>SGAC Chair</td>
<td>Ron Ambrosio</td>
<td>IBM</td>
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<tr>
<td></td>
<td>SGTCC Chair</td>
<td>Rik Drummond</td>
<td>Drummond Group Inc.</td>
</tr>
<tr>
<td>Ex-Officio</td>
<td>NIST Administrator</td>
<td>George Arnold</td>
<td>NIST</td>
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<tr>
<td></td>
<td></td>
<td>Erich Gunther</td>
<td>EnerNex</td>
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</tbody>
</table>
Governing Board Committees

• Bylaws and Operating Practices (BOPWG)
  – Develop and maintain the SGIP Charter and ByLaws

• Communications, Marketing, and Education (CMEWG)
  – Promote awareness, understanding and value of SGIP and SGIPGB activities and knowledge base to the smart grid stakeholder community by disseminating information and announcements {in accordance with established operating procedures} related to decisions and actions of the SGIP and SGIPGB.

• Intellectual Property Rights (IPRWG)
  – Charged to develop and maintain the SGIP IPR Policy, and to provide a Forum to review and recommend revisions and additions to the SGIP IPR Policy. The IPR WG will also make recommendations related to the SGIP IPR Policy for the SGIP Operations Manual. It will also be the location for initial discussions for all IPR matters whether related to patents, copyrights, trademarks, or other forms of IPR
Governing Board Committees

- International Task Force
  - Works to enhance the coordination between the SGIP GB and similar organizations abroad
- Vision, Mission and Roadmap Task Team
  - Provide high level vision and mission for the SGIP, and develop a broad roadmap of objectives required over the next several years to meet that vision
- Ad-hoc groups formed to address specific questions
  - Example: Home Area Network Task Force
    - Make recommendations to the Governing Board for next steps to resolve the issue of Home Area Network Architecture
SGIP Membership

• Membership is open to any organization whose interests fall into one of the Stakeholder Categories
  – Divisions, subsidiaries, committees of organizations, etc. are part of their parent organizations, and are not considered organizations for SGIP purposes
  – Organizations may declare membership in 1 of 22 stakeholder categories

• Two membership types
  – Participating Members – Proposals, Direction, and Voting
  – Observing Members – Attendance and Input, no voting privileges

• Requirements for maintaining Participating Member status:
  – Attendance and Participation is an obligation of membership
  – Membership can be revoked if an organization misses two consecutive Plenary meetings or does not vote in two consecutive ballots
SGIP Membership as of 3.8.12

• Total # of Member Organizations: 757
  – # of Participating Member Organizations: 296
  – # of Observing Member Organizations: 461
• Total # of Individual Members*: 1,881 (Feb: 1,936)
• # of Organizations by Country
  – USA: 663
  – Europe: 23
  – Oceania: 6
  – Africa: 1
  – North America (non-US): 36
  – Asia: 26
  – South America: 2

* Omits non-active Signatory Authorities. Additionally, a recent member update project identified several representatives who had left organizations, resulting in a reduced individual count.
SGIP Membership as of 3.8.12

Member Organizations by Declared Stakeholder Category

OBSERVING
SGIP Voting

• SGIP is a consensus-based organization
  – Voting used to mark important milestones or when otherwise required

• Each SGIP Participating Member organization has one vote
  – Vote must be cast by identified “Voting Representative” of Participating Member

• All voting is electronic
  – Voting instructions are provided to all members with each ballot

• Voting is an obligation of membership
  – Missing two successive votes is grounds for revocation of Participating Member status
SGIP Principles of Operation

• Openness – all activities will be open to public attendance
• Balance – representations across multiple industry segments
• Consensus – general agreement of the members (not unanimity)
• Harmonization – work will proceed with the participation of multiple standards setting organizations
Administrator

• Assists NIST in operating SGIP
• Provides Technical and Logistical Support
  – Manage internal operation of SGIP
  – Arrange human and financial resources in support of SGIP
  – Originally a NIST contractor
  – Ex-officio, non-voting member of the Governing Board
• Currently: EnerNex
SGIP Plenary Structure
Priority Action Plans

• PAPs are project activities focused on identifying requirements for standards in all areas of the Smart Grid
• PAPs engage standards organization to facilitate development of standards

The Current Priority Action Plans

The priority action plans page provides a guide to the function and operation of these plans.

<table>
<thead>
<tr>
<th>#</th>
<th>Priority Action Plan</th>
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<th>Priority Action Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Role of IP in the Smart Grid</td>
<td>2</td>
<td>Wireless Communications for the Smart Grid</td>
</tr>
<tr>
<td>3</td>
<td>Common Price Communication Model</td>
<td>4</td>
<td>Common Schedule Communication Mechanism</td>
</tr>
<tr>
<td>5</td>
<td>Standard Meter Data Profiles</td>
<td>6</td>
<td>Common Semantic Model for Meter Data Tables</td>
</tr>
<tr>
<td>7</td>
<td>Electric Storage Interconnection Guidelines</td>
<td>8</td>
<td>CIM for Distribution Grid Management</td>
</tr>
<tr>
<td>9</td>
<td>Standard DR and DER Signals</td>
<td>10</td>
<td>Standard Energy Usage Information</td>
</tr>
<tr>
<td>11</td>
<td>Common Object Models for Electric Transportation</td>
<td>12</td>
<td>Mapping IEEE 1815 (DNP3) to IEC 61850 Objects</td>
</tr>
<tr>
<td>13</td>
<td>Harmonization of IEEE C37.118 with IEC 61850 and Precision Time Synchronization</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Harmonize Power Line Carrier Standards for Appliance Communications in the Home</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Wind Plant Communications</td>
<td>16</td>
<td>SEP 1.x to SEP 2 Transition and Coexistence</td>
</tr>
<tr>
<td>17</td>
<td>Facility Smart Grid Information Standard</td>
<td>18</td>
<td></td>
</tr>
</tbody>
</table>

http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PriorityActionPlans
PAP Project Lifecycle

Priority Action Plan (PAP) Project Lifecycle (2010-09-10)

Governing Board
- Review PAP Proposal
  - Should this be a PAP?
    - No → Further study needed?
      - No → Complete
      - Yes → Establish Charter
    - Yes → Identify initial PAPWG participants
- Identify relevant SSOs
- Establish study / investigation (DEWGs)
- PMO Monitors Process
- Governing Board Confirms Recommendation

SgIP Plenary
- Establish Charter
- Identify initial PAPWG participants
- Identify relevant SSOs
- Establish study / investigation (DEWGs)
- PMO Monitors Process
- Governing Board Confirms Recommendation

PAP WG
- Establish PAP team and activities
- PAPWG formed
- Identify project tasks and deliverables: Use Cases & Requirements; Survey/identify Cyber Security elements: Survey/identify Architecture elements: Decide on new or modified standard(s)
- SSOs accept responsibility for coordination
- CSWG & SGAC Liaisons Established

SSO
- Review requirements for Standard
- Develop / harmonize Standard
- Review draft standard with PAP WG
- Iterate as necessary
- Have requirements been met?
  - No → Continue process
  - Yes → PAP Charter

CSWG SGAC
- Post Use Cases
- Post Draft Requirements for Standard(s)
- Post Identified Standard to List

IKB
- Complete

http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PMO
PAP Lifecycle Example

http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PMO#PAP_Timeline
Charter: To create a disciplined project management framework to perform and complete work in a timely manner, and provide accurate status reporting by the individual SGIP projects until all projects have been completed.

Deliverables:
- Processes
  - PAP Lifecycle Process
  - Standards Review Process
  - Others as needed
- SGIP Monthly Reports
- PAP Monthly Quad Charts

Meetings:
- Monthly PMO Report Outs
  - Meetings to provide current status of Priority Action Plans (PAPs) and other SGIP project activities
- Face-to-Face meetings (see SGIP plenary meetings schedule on the TWIKI)

Contact: Program Manager, Stuart McCafferty, stuart@enernex.com
Standing Committees & Working Groups

• Program Management Office (PMO)
• Standing Committees
  – Smart Grid Architecture Committee (SGAC)
  – Smart Grid Testing and Certification Committee (SGTCC)
• Permanent Working Groups
  – CyberSecurity Working Group (CSWG)
• Domain Expert Working Groups (DEWGs)
  – transmission and distribution (TnD)
  – home-to-grid (h2g)
  – building-to-grid (b2g)
  – industry-to-grid (i2g)
  – vehicle-to-grid (pevtg)
  – business and policy (BnP)
Cyber Security Working Group (CSWG)

- **Charter:** To develop an overall cyber security strategy for the Smart Grid that includes a risk mitigation strategy to ensure interoperability of solutions across different domains/components of the infrastructure. The cyber security strategy needs to address prevention, detection, response, and recovery. Implementation of a cyber security strategy requires the definition and implementation of an overall cyber security risk assessment process for the Smart Grid.

- **Deliverables:**
  - Cyber security Guidance Document, including the NISTIR 7628 and other supporting papers
  - Outreach sessions
  - Cross-cutting SGIP liaisons to the Committees, DEWGS, and PAPs
  - SGIP Monthly Reports

- **Meetings:**
  - Bi-weekly Monday calls, 11am Eastern Time (-5:00 GMT)
    - Call-in number: 866-793-6322 X3836162#
  - Face-to-Face meetings (see SGIP plenary meetings schedule on the TWIKI)

- **Contact:** NIST Lead Marianne Swanson (marianne.swanson@nist.gov) or SGIP Administrator Liaison Sandy Bacik (sandy.bacik@enernex.com)
**Charter:** The Smart Grid Architecture Committee (SGAC) is responsible for creating and refining a conceptual reference model, including lists of the standards and profiles necessary to implement the vision of the Smart Grid.

**Deliverables:**
- PAP and Standard Reviews
- Semantics Workshops
- Security and Testing Support
- Conceptual Architecture
- Public Education

**Meetings:**
- Bi-Weekly Committee Webinars
- Semantics and Architecture Workshops

**Contact:** Chair Ron Ambrosio, rfa@ibm.com
Smart Grid Testing & Certification Committee (SGTCC)

- **Charter:** The Smart Grid Testing and Certification Committee (SGTCC) creates and maintains the necessary documentation and organizational framework for compliance, interoperability and cyber security testing and certification for SGIP recommended Smart Grid standards

- **Deliverables:**
  - Interoperability Process Reference Manual (IPRM)
  - Guidance Documentation to support IPRM implementation by Test Labs/Certifying Bodies
  - End to End Interoperability Testing Models
  - Roadmap of SGTCC support activities
  - Interoperability Standards Maturity Assessment tools

- **Meetings:**
  - Weekly SGTCC task status calls, Weekly working group calls, F2F sessions at SGIP meetings

- **Contact:** Chair Rik Drummond, rik@drummondgroup.com. Program Manager Rudi Schubert, rschubert@enernex.com
Domain Expert Working Groups

- **Charter:** DEWGs perform analysis of standards interoperability, including PAP evaluation and support, and provide the strategic domain perspective on the evolution of the NIST Smart Grid Interoperability Framework. DEWGs are considered more strategic in their role within the SGIP.

- **Deliverables:**
  - Standards gap analysis and PAP proposals
  - White papers and reports
  - Standards reviews and recommendations to Board and SGIP members for inclusion on Catalog of Standards (CoS)

- **Meetings:**
  - Regular calls, F2F sessions at SGIP meetings
  - See individual DEWG TWiki pages and SGIP TWiki Events page for meeting details

- **Contact:** Individual DEWG Leaders
SGIP 101 – DELIVERABLES AND ARTIFACTS
SGIP Plenary Structure
Deliverables and Artifacts

http://collaborate.nist.gov/twiki-sgrid/bin/view/SmartGrid/InteroperabilityKnowledgeBase
SGIP Catalog of Standards (CoS)

• SGIP has produced and maintains a “catalog of standards”
  – Compendium of standards and practices for the development and deployment of an interoperable Smart Grid
  – Key source of information for NIST to identify standards for the Smart Grid as a part of its EISA 2007 responsibilities

• CoS manual in preparation
  – Criteria that must be considered for the inclusion of standards, practices and guides in the catalog
  – Procedures to approve the addition of an entry to the catalog, maintain and update catalog entries, and deprecate and/or remove an entry from the catalog

http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/SGIPCatalogOfStandards
Considerations for Inclusion in Catalog

- Is well-established and widely acknowledged as important to the Smart Grid.
- Is an open, stable and mature industry-level standards developed in consensus processes from a standards development organization (SDO).
- Enables the transition of the legacy power grid to the Smart Grid.
- Has, or is expected to have, significant implementations, adoption, and use.
- Is supported by an SDO or Users Group to ensure that it is regularly revised and improved to meet changing requirements and that there is strategy for continued relevance.
- Is developed and adopted internationally, wherever practical.
Considerations for Inclusion in Catalog

- Is integrated and harmonized, or there is a plan to integrate and harmonize it with complementing standards across the utility enterprise through the use of an industry architecture that documents key points of interoperability and interfaces.
- Enables one or more of the framework characteristics as defined by EISA or enables one or more of the six chief characteristics of the envisioned Smart Grid.
- Addresses, or is likely to address, anticipated Smart Grid requirements identified through the NIST workshops and other stakeholder engagement.
- Is applicable to one of the priority areas identified by FERC and NIST.
Considerations for Inclusion in Catalog

- Focuses on the semantic understanding layer of GWAC stack, which has been identified as most critical to Smart Grid interoperability.
- Is openly available under fair, reasonable, and nondiscriminatory terms.
- Has associated conformance tests or a strategy for achieving them.
- Accommodates legacy implementations.
- Allows for additional functionality and innovation through: Symmetry Transparency Composition Extensibility Loose coupling Layered systems
- Shallow integration
Use Cases

• Under construction
• Organized by Domain of Conceptual Model
• Includes Use Cases from
  – Smart Grid Experience
  – SGIP Working Groups
  – Priority Action Plans

http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/IKBUseCases
TWiki

Welcome to the NIST Smart Grid Collaboration Wiki

Smart Grid Interoperability Panel (SGIP) Site

Page Contents

- What is a “Smart Grid”?
- What is the Smart Grid Interoperability Panel?
- SGIP Technical Activities
- SGIP Leadership
- SGIP Membership
- SGIP Catalog of Standards

Under the Energy Independence and Security Act (EISA) of 2007, the National Institute of Standards and Technology (NIST) has “primary responsibility to coordinate development of a framework that includes protocols and model standards for information management to achieve interoperability of smart grid devices and systems...” To carry out its EISA assigned responsibilities, NIST devised a three-phase plan to rapidly establish an initial set of standards, while providing a robust process for continued development and implementation of standards as needs and opportunities arise and as technology advances. The SGIP and this wiki were born from that plan. Click here for additional information on NIST’s role and activities.

What is a “Smart Grid?”

By integrating an end-to-end, advanced communications infrastructure into the electric power system, a Smart Grid can provide consumers near real-time information on their energy use, support pricing that reflects changes in supply and demand, and enable smart appliances and devices to help consumers avoid higher energy bills.

Conceptual Model

What is the Smart Grid Interoperability Panel?

http://collaborate.nist.gov/twiki- sggrid/bin/view/SmartGrid/WebHome
TWiki Overview

• TWiki is a “brand” of Wiki – wiki:
  – A wiki (pronounced /'w?ki/ WIK-ee) is a website that allows the easy creation and editing of any number of interlinked web pages via a web browser using a simplified markup language or a WYSIWYG text editor.

• SGIP / NIST TWiki has major sections for:
  – SGIP process and operation:
    • http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/WebHome
  – Priority Action Plans
    • http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PriorityActionPlans
  – Working Groups and Committees
    • http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/SGIPWorkingGroupsAndCommittees
  – Interoperability Knowledge Base
    • http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/InteroperabilityKnowledgeBase
Organizational Structure of the TWiki

IKB
- Common Vocabulary
- Conceptual Model
- Identified Standards
- Use Cases
- Framework

SGIP
- Plenary
- Governing Board
- Participating Members
- Observing Members
- Bylaws

PAPS
- Cross Pap Issues
- PAP 00
- PAP 01
- ... PAP 16

Working Groups
- SGAC
- SGTCC
- CSWG
- DEWGS
- PMO
Getting Around the TWiki
The Main Navigational bar is designed to help you quickly navigate to core sections of the Twiki. These sections pertain to the main activities and goals of the SGIP.

- Field allows you to “Jump” directly to a page
- Field allows you to “Search” by keyword

Section Dropdown Menus

Topic Submenus
Events

http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/SGIPCalendar
Voting: Log Into TWiki Site
Universal Sidebar

- To increase the ease of navigation and awareness of activities, an universal sidebar was employed.
- When a time-sensitive activity is occurring, a notice will be placed in the sidebar much like the “Vote Now” and Spring Meeting promo you see here.
- Additionally, you will find quick links to popular areas of the site.
- The scrolling “This Week” window provides an at-a-glance look at the SGIP meetings for the week and is updated every Monday morning by the Administrator.
Voting: Select Your Choices

SGIP Vice Chair Vote Runoff II

Welcome, MartyBurns, you are eligible to vote. Voting is open.

Use the following link to return to: SGiP Main Page

Use the ballot below to register your vote for SGIP Officers. Note that you may revise your vote before registering the vote with the "Cast Ballot" button, check the following:

- you have voted for Vice Chair

After selecting the Cast Ballot button, you will be presented with your ballot and you can accept it. It will take ~20 seconds after which you will be taken to a new page acknowledging your vote.

Vote for Vice Chair

- If you voted no to either choice or have questions or need assistance regarding this vote, please contact the SGIP Administrator at sgip.administrator@enernex.com

Cast Ballot

Submit your ballot
The SGIP provides the opportunity for stakeholders up and down the spectrum of Smart Grid applications and standards to share in the great exercise of forwarding the Smart Grid – a national priority.
Participating in SGIP groups

• Participation in SGIP is open to all individuals associated with SGIP member organizations

• Several SGIP groups allow open participation, including:
  – Domain expert working groups (DEWGs)
  – Priority action plans (PAPs)
  – Cybersecurity Working Group (CSWG)

• Other SGIP groups have an election process for membership
  – SGIP Governing Board
  – Smart Grid Architecture Committee (SGAC)
  – Smart Grid Testing and Certification Committee (SGTCC)

• Some SGIP GB groups allow open participation, others are limited to GB members
Participation Mechanisms

• Venues
  – Face to Face Meetings
  – Webinars & Phone conferences
  – Email Lists
  – Standards Setting Organizations (SSOs)
  – TWiki
Virtual Meeting Registrations

PAP00, PAP05 and PAP06 Working Group Webinar

Friday, March 19, 2010 3:00 PM - 4:00 PM EDT

**Webinar Registration**

Bi-weekly Webinar of PAP00, PAP05 and PAP06 Management Teams to discuss issues.

This Webinar is held every 2 weeks on Friday, from: Mar 19, 2010 to Jun 25, 2010 3:00 PM - 4:00 PM EDT

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Email lists have been established for each PAP. These lists support self-registration using the links below:

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http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PriorityActionPlants
Contacts

SGIP CONTACTS

For questions or assistance regarding SGIP membership  email sgip.administrator
For questions or assistance regarding this site  email sgwikisupport
For calendar submissions  submit to sgip submission
For media inquiries  contact Carrie Parks of EnerNex
To contact the SGIP Administrator  email sgip.administrator
To contact the SGIP Governing Board  email sgipgb.administrator

Not sure who can help? When in doubt, please contact the SGIP Administrator.

SGIP MAILING LISTS

All SGIP member representatives who share an email address with the Administrator are already subscribed to the SGIP Member News.

Non-SGIP Members who would like to receive SGIP News updates   SGIP-Non-Members-Notify@SMARTGRIDLISTSERV.ORG   Join SGIP-Non-Members-Notify   SGIP-Non-Members-Notify

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(http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/SGIPContact)
Questions

Thank You